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(54) Title: EXTRACTION OF OXYGENATES FROM A HYDROCARBON STREAM

(57) Abstract: This invention relates to a commercially viable process for extracting oxygenates from a hydrocarbon stream, typically a fraction of the condensation product of a Fischer-Tropsch reaction, while preserving the olefin content of the condensation product. The oxygenate extraction process is a liquid-liquid extraction process that takes place in an extraction column using a polar organic solvent, such as methanol, and water as the solvent, wherein the polar organic solvent and water are added separately to the extraction column.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07C C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/31085 A (SASOL TECHNOLOGY PTY LTD ; SCHOLTZ JACOB JOHANNES (ZA); WET JOHAN PETE) 18 April 2002 (2002-04-18) page 3, paragraph 3 – page 4, paragraph 4 claims 1-16 ----- US 4 603 225 A (COLAIANNE JAMES ET AL) 29 July 1986 (1986-07-29) column 2, line 66 – column 3, line 8 claims 1-12 ----- DE 199 11 910 A (LINDE AG) 21 September 2000 (2000-09-21) column 1, line 1 – line 23 column 1, line 48 – line 59 column 3, line 8 – line 29 claim 1 ----- -/-	1-11, 13-19
X		1-11, 13-19
X		1-11, 13-19



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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